

ABSTRACT

A dispensing nozzle having [(i)] an elongate nozzle body ~~having~~ with a base portion and a dispensing end, [(ii)] an internal conduit in the nozzle body for delivering product from the base portion to the dispensing end, [(iii)] engaging formations on the nozzle for inter-engaging with co-operating engaging formations on a cap, to hold said cap in a position over-fitting the nozzle, [(iv)] an external ramp on the nozzle body, ~~and~~ against which a co-operating portion of the cap may act, to provide ~~suffieient~~ sufficient relative ~~separation~~ force between the cap and the nozzle body, to separate the engaging formations on the cap and the nozzle from an inter-engaged position. A cap for overfitting a dispensing nozzle is also provided having [(i)] a first closed end, [(ii)] a housing for receiving an elongate nozzle body and defining a second open end, [(iii)] engaging formations on the cap for inter-engaging with co-operating engaging formations on the nozzle, to hold said cap in a position over-fitting the nozzle, [(iv)] a mouth about the open end, [(v)] At least one co-operating portion on the cap is arranged to act on a ramping surface of the nozzle when overfitted on the nozzle so as to provide ~~suffieient~~ sufficient relative ~~separation~~ force between the cap and the nozzle body, to separate the engaging formations on the cap and the nozzle from an inter-engaged position. The cap and nozzle, when inter-engaged, are easily separated by substantially less than one 360° turn, and provide a strong separating force which can overcome fouling or bonding caused by curing of dispensed product.